Installation

Spray Rig

Dry Air Supply Change Kit

313703A

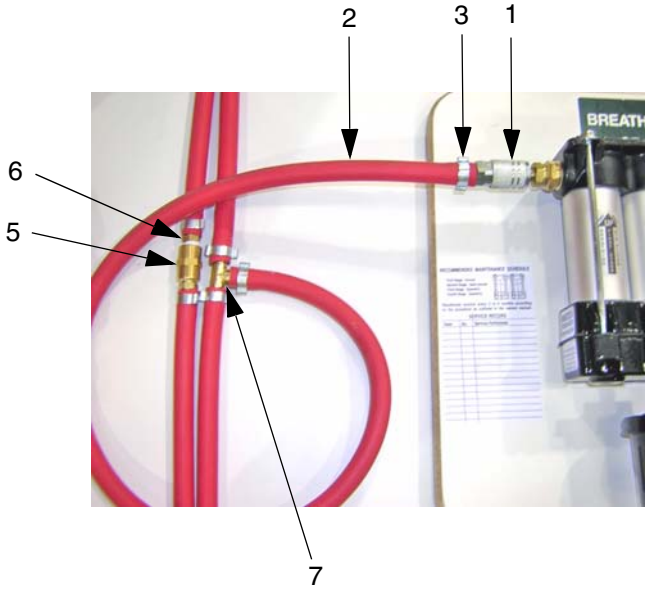
For changing the supplied air hose used for input to the breathable air system.

Kit U91023

Important Safety Instructions
Read all warnings and instructions in this manual and Spray Rig manual 312765. Save these instructions.

Parts

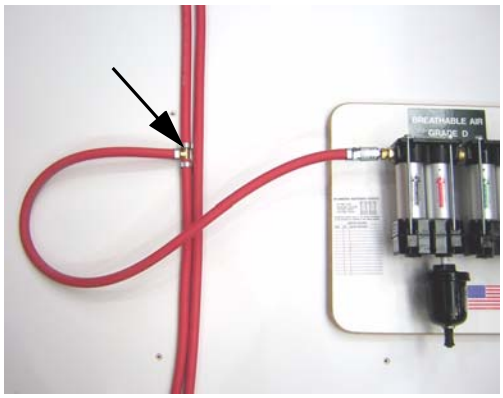
Ref	Part	Description	Qty
1	U90031	COUPLER, quick disconnect	1
2	U90049	HOSE, 3/8 in. red air line	3 ft
3	U90119	CLAMP, hose, 2-ear	6
4	U90170	TIE, cable	10
5	U90274	FITTING, coupling, 1/4 npt x 3/8 barb, female/female, brass	1
6	U90281	ADAPTER, barb, 1/4 npt x 3/8 barb, male/male, brass	2
7	U90319	FITTING, tee, 3/8 air hose, barb, brass	1
8	U90331	TAPE, ptfe	1
9	U90330	SEALANT, pipe	1



Configuration Check

Before installing the air supply change kit, verify that the current configuration of the air system is incorrect.

1. Find the air line with the tee fitting that connects to the input of the breathable air system. See FIG. 1. See Spray Rig manual if necessary.



NOTE: The tee fitting may be installed in the opposite line in some configurations.

FIG. 1: Air Hose Configuration

2. Follow the air line with the tee fitting to the air dryer.

3. Determine whether the air line is connected to the inlet or outlet port of the air dryer. See FIG. 2.

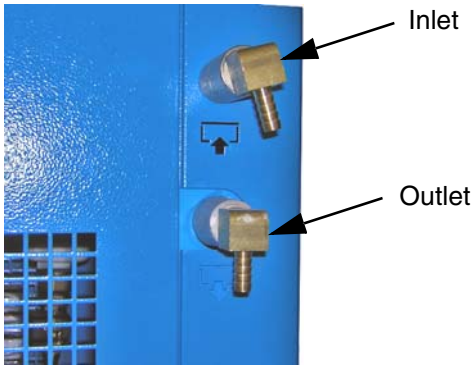


FIG. 2: Air Dryer Ports

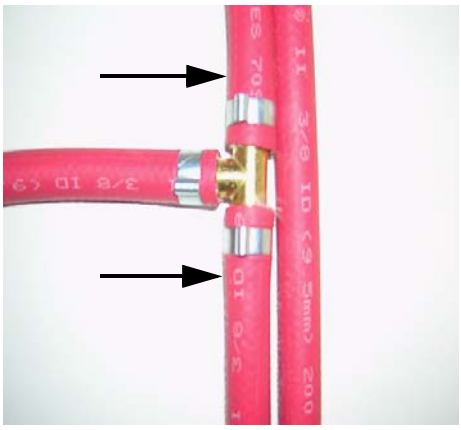
4. **If the air line with the tee fitting is connected to the outlet port of the air dryer,** your configuration is correctly setup. No modification is required.
If the air line with the tee fitting is connected to the inlet port of the air dryer, your configuration requires modification. See **Installation** section.

Installation

1. Verify that installation is required. See **Configuration Check**.

2. Relieve air pressure. See manual 312765 for warnings and instructions.

3. Being careful not to cut the other air hose, cut 1/4 in. above and below the tee fitting clamps. See FIG. 3.



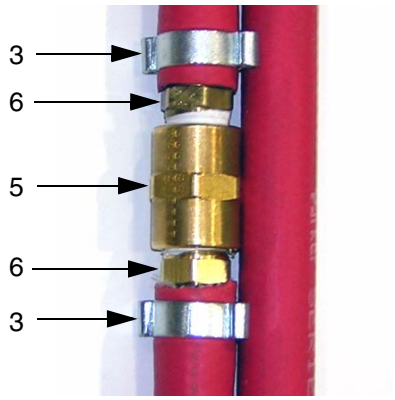
NOTE: The tee fitting may be installed in the opposite line in some configurations.

FIG. 3: Cut Locations

4. Disconnect the air line from the breathable air system. Discard the air line, quick disconnect, tee fitting, and two clamps.

5. Install two hose clamps (3), the two male/male barb fittings (6), and the female/female fitting (5) as shown in FIG. 4. Use the PTFE tape and pipe seal-

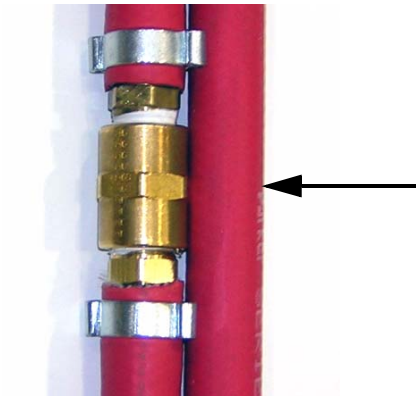
ant provided on all fittings. Tightly clamp the hose using side-cut or Oetiker pliers.



NOTE: The tee fitting may have been installed in the opposite line in some configurations.

FIG. 4: Splice Fittings Installation

6. Carefully cut the air line opposite the newly installed fittings as shown in FIG. 5.



NOTE: The tee fitting may have been installed in the opposite line in some configurations. Cut the air line opposite the new fittings.

FIG. 5: Cut Location

7. Install two clamps (3) and the tee fitting (7) as shown in FIG. 6. Tightly clamp the hose using side-cut or Oetiker pliers.

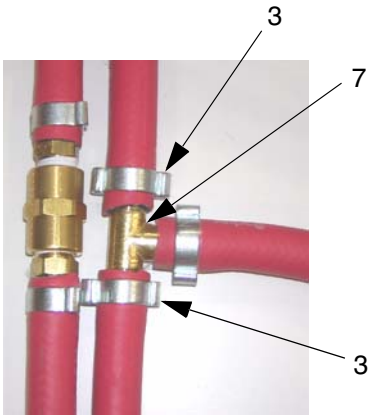


FIG. 6: New Tee Fitting Install

8. Use a clamp to install the new hose to the new tee fitting. Tightly clamp the hose using side-cut or Oetiker pliers.

9. Use a clamp to install new quick-disconnect coupler onto the other end of the new air hose. Tightly clamp the hose using side-cut or Oetiker pliers.

10. Install quick-disconnect coupler onto the input fitting for the breathable air system.

11. Replace breathable air system filters. See breathing air filter system manual for instructions.

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Graco Headquarters: Minneapolis
International Offices: Belgium, China, Japan, Korea

GRACO OHIO INC. 8400 PORT JACKSON AVE NW, NORTH CANTON, OH 44720
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